

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
26 February 2004 (26.02.2004)

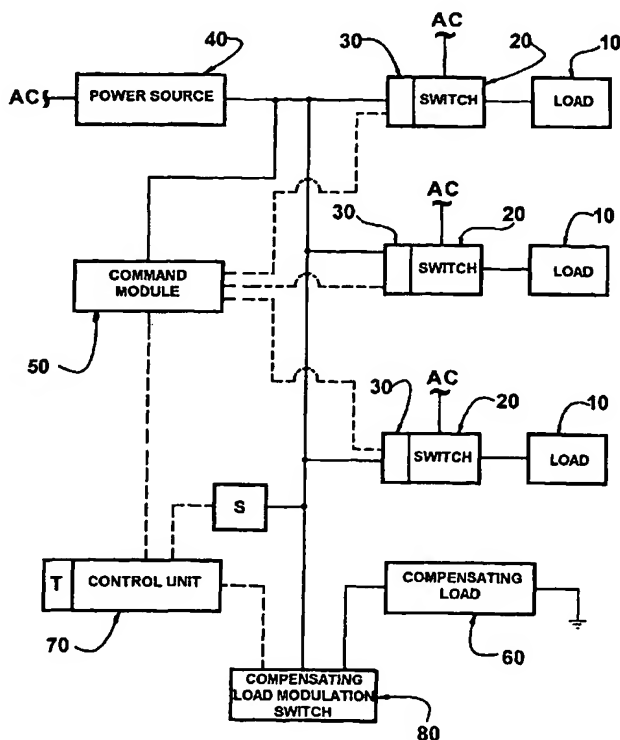
PCT

(10) International Publication Number
WO 2004/017482 A2

- (51) International Patent Classification⁷: H02H 3/247, H02J 1/04, 1/14
- (21) International Application Number: PCT/BR2003/000116
- (22) International Filing Date: 15 August 2003 (15.08.2003)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: PI 0203311-9 16 August 2002 (16.08.2002) BR
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),

[Continued on next page]

(54) Title: SYSTEM FOR DETECTING LOW VOLTAGE IN AN ELECTRIC APPLIANCE



(57) Abstract: A system for detecting low voltage in an electric appliance having multiple loads (10) associated with drive switches (20) commanded by respective electronic controls (30) which are energized from a power source (40) connected to an electric network and which are operatively coupled to a command module (50). The system comprises: a compensating load (60), connected to the power source (40) and constructed to maintain constant the relation between the voltage of the electric network and the voltage of the power source (40), regardless of the number of loads (10) being energized; a control unit (70) associated with the command module (50) and with the compensating load (60), to define the current consumption to be produced by the compensating load (60), and a voltage sensing means (S) associated with the power source (40) and with the control unit (70) to promote the de-energization of the loads (10) when the voltage of the power source (40) is lower than a predetermined minimum value.

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